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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/863,157	05/23/2001	Thomas Fletcher	115426-994	8808
29158	7590	01/26/2006	EXAMINER	
BELL, BOYD & LLOYD LLC P. O. BOX 1135 CHICAGO, IL 60690-1135			COULTER, KENNETH R	
			ART UNIT	PAPER NUMBER
			2141	
DATE MAILED: 01/26/2006				

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b> 09/863,157	<b>Applicant(s)</b> FLETCHER ET AL.	
	<b>Examiner</b> Kenneth R. Coulter	<b>Art Unit</b> 2141	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 20 October 2005.
- 2a) ☒ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-3,5-8,10-13,15-18,20-23 and 25-34 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-3,6-8,11-13,16-18,21-23,26-28,30,31,33 and 34 is/are rejected.
- 7) ☒ Claim(s) 5,10,15,20,25,29 and 32 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 20 October 2005 and 23 May 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

## DETAILED ACTION

### *Claim Rejections - 35 USC § 102*

1. The following is a quotation of the appropriate paragraphs of 35

U.S.C. 102 that form the basis for the rejections under this section made in this

Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1 – 3, 6 – 8, 11 – 13, 16 – 18, 21 – 23, 26 – 28, 30, 31, 33, and 34

are rejected under 35 U.S.C. 102(e) as being anticipated by Wiedeman et al.

(U.S. Pat. No. 6,985,454) (ISP System using non-Geosynchronous Orbit Satellites).

2.1 Regarding claim 1, Wiedeman discloses a method of performing an address look-up, the method comprising:

receiving a query, at a terminal, from a local host requesting address information (Abstract; Fig. 1B; col. 21, lines 13 - 47);

determining whether the address information is stored in memory (Abstract; Fig. 1B; col. 21, lines 13 - 47);

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transmitting the address information by the terminal to the local host if the address information is stored in the memory (Abstract; Fig. 1B; col. 21, lines 13 – 47 “If the **serving satellite 3 has the IP address** it returns the address to router 4 and processes a response message to the user terminal 7 with the **IP address that is obtained from the neighboring satellite routers 4, or from more distant satellite routers 4, or from a ground DNS.**”);

forwarding the query over a wide area network via a satellite (Abstract “A satellite communication system includes a **plurality of satellites ...**”) to a remote computer system to retrieve the address information, if the address information is not stored in the memory, wherein the satellite is remote from the terminal (Fig. 1B; col. 24, lines 34 – 55 “The UDP is sent to a satellite 3 wherein it **checks all stored ‘local to it’ IP address** of on-line user terminals 7. **If this satellite router 4 is not carrying the address, it queries another satellite 3**, either directly using an inter-satellite link or through some ground infrastructure, to determine if the IP address is available ... If the serving satellite 3 has the IP address it returns the address to router 4 and processes a response message to the user terminal 7 with the **IP address that is obtained from the neighboring satellite routers 4, or from more distant satellite routers 4, or from a ground DNS.**”; col. 21, lines 13 - 47).

2.2 Per claim 2, Wiedeman teaches the method according to claim 1, further comprising: updating the address information in memory with the retrieved address information from the remote computer system (Fig. 7; col. 23 lines 26 –

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43 "The satellite 3 receives the UDP packet, ... After processing the satellite 3 adds the user terminal 7 to a list of dynamic on-line user terminals contained in the satellite computer memory 314.").

2.3 Regarding claim 3, Wiedeman discloses the method according to claim 1, wherein the query in the receiving step specifies a domain name, and the address information corresponding to the domain name is an Internet Protocol (IP) address (col. 24, lines 34 - 55).

2.4 Per claims 6 – 8, 11 – 13, 16 – 18, 21 – 23, 26 – 28, 30, 31, 33, and 34, the rejection of claims 1 – 3 under 35 USC 102(e) (paragraphs 2.1 – 2.3 above) applies fully.

3. Claims 1 – 3, 6 – 8, 11 – 13, 16 – 18, 21 – 23, 26 – 28, 30, 31, 33, and 34 are rejected under 35 U.S.C. 102(e) as being anticipated by Aldred et al. (U.S. Pat. No. 6,209,036) (Management of and Access to Information and Other Material Via the World Wide Web in an LDAP Environment).

3.1 Regarding claim 1, Aldred discloses a method of performing an address look-up, the method comprising:

receiving a query, at a terminal, from a local host requesting address information (Abstract; col. 7, lines 41 - 60);

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determining whether the address information is stored in memory

(Abstract; col. 7, lines 41 - 60);

transmitting the address information by the terminal to the local host if the address information is stored in the memory (Abstract; col. 7, lines 41 – 60 “The **Internet address is then provided to the client computer** which can then use this address to send a request to the relevant server computer.”);

forwarding the query over a wide area network via a satellite (col. 1, lines 25 – 35 “This composite collection of networks which have agreed to connect to one another relies on no single transmission medium (for example, bidirectional communication can occur via **satellite links**, fiberoptic trunk lines, telephone lines, cable TV wires and local radio links).”) to a remote computer system to retrieve the address information, if the address information is not stored in the memory, wherein the satellite is remote from the terminal (col. 7, lines 41 – 60 “if an address **cannot be determined locally** then the local name server computer accesses another name server computer within the hierarchy until the address is obtained.”).

3.2 Per claim 2, Aldred teaches the method according to claim 1, further comprising: updating the address information in memory with the retrieved address information from the remote computer system (Abstract; col. 7, lines 41 - 60).

3.3 Regarding claim 3, Aldred discloses the method according to claim 1,

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wherein the query in the receiving step specifies a domain name, and the address information corresponding to the domain name is an Internet Protocol (IP) address (Abstract; col. 7, lines 41 - 60).

3.4 Per claims 6 – 8, 11 – 13, 16 – 18, 21 – 23, 26 – 28, 30, 31, 33, and 34, the rejection of claims 1 – 3 under 35 USC 102(e) (paragraphs 3.1 – 3.3 above) applies fully.

***Allowable Subject Matter***

4. Claims 5, <sup>10,</sup> 15, 20, 25, 29, and 32 objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

***Response to Arguments***

5. Applicant's arguments with respect to claims 1 – 3, 6 – 8, 11 – 13, 16 – 18, 21 – 23, 26 – 28, 30, 31, 33, and 34 have been considered but are moot in view of the new ground(s) of rejection.

***Conclusion***

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6. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

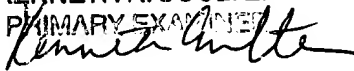
7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kenneth R. Coulter whose telephone number is 571 272-3879. The examiner can normally be reached on 5 4 9.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Rupal Dharia can be reached on 571 272-3880. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.



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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

KENNETH R. COULTER  
PRIMARY EXAMINER  


krc